

Table 2-10: Change in CO₂ Emissions from Direct Fossil Fuel Combustion Since 1990 (Tg CO₂ Eq.)

Sector/Fuel Type	1991	1992	1993	1994	1995	1996	1997	1998	1999
Residential	9.9	18.7	38.4	28.8	30.2	58.3	42.8	8.9	22.0
Coal	(0.5)	(0.4)	(0.5)	(0.6)	(0.8)	(0.7)	(0.4)	(1.6)	(1.6)
Natural Gas	8.8	16.0	30.6	24.4	24.6	46.0	32.0	8.0	16.4
Petroleum	1.7	3.2	8.4	5.1	6.4	13.0	11.2	2.6	7.3
Commercial	1.5	2.2	0.9	2.4	6.6	15.5	16.4	0.1	5.7
Coal	(0.8)	(0.6)	(0.7)	(0.9)	(1.2)	(1.0)	(0.5)	(2.5)	(2.5)
Natural Gas	5.8	9.8	13.0	14.8	22.1	29.2	32.3	21.1	24.0
Petroleum	(3.5)	(7.0)	(11.4)	(11.4)	(14.3)	(12.6)	(15.3)	(18.5)	(15.8)
Industrial	(15.8)	41.4	38.9	67.4	77.6	117.1	117.7	89.8	132.1
Coal	1.6	1.9	4.6	14.6	15.2	8.0	9.9	8.8	38.1
Natural Gas	6.8	27.9	46.8	54.3	82.4	100.2	99.7	85.2	86.8
Petroleum	(24.2)	11.6	(12.5)	(1.4)	(20.1)	8.9	8.1	(4.2)	7.3
Transportation	(34.1)	1.2	30.7	79.6	107.6	147.0	157.1	184.7	242.2
Coal	NE	NE	NE	NE	NE	NE	NE	NE	NE
Natural Gas	(3.2)	(3.9)	(2.0)	1.4	2.3	2.9	5.5	(1.1)	(1.2)
Petroleum	(30.9)	5.1	32.7	78.2	105.3	144.1	151.7	185.8	243.4
Electric Utilities	(20.4)	(21.9)	36.3	56.5	53.2	122.9	196.2	253.3	196.0
Coal	(14.3)	2.7	57.5	68.1	78.5	168.4	220.4	234.7	202.7
Natural Gas	(0.4)	(1.7)	(6.2)	10.3	20.7	(4.6)	8.5	24.7	16.9
Petroleum	(5.7)	(22.9)	(15.0)	(21.8)	(45.9)	(40.8)	(32.7)	(6.0)	(23.4)
Geothermal	+	+	+	+	(0.1)	(0.1)	(0.1)	(0.1)	(0.2)
U.S. Territories	5.6	3.8	5.8	8.0	10.3	6.4	9.1	14.2	19.3
Coal	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
Natural Gas	NE	NO	NO	NO	NE	NE	NE	NE	NE
Petroleum	5.5	3.7	5.6	7.7	10.0	6.1	8.8	14.0	19.0
All Sectors	(53.3)	45.4	151.0	242.7	285.6	467.3	539.2	551.1	617.4

+ Does not exceed 0.05 Tg CO₂ Eq.

NE (Not Estimated)

*Includes nonutility electricity generators.

Note: Totals may not sum due to independent rounding.